

**BALL LIMITING METALLURGY, INTERCONNECTION STRUCTURE
INCLUDING THE SAME, AND METHOD OF FORMING AN
INTERCONNECTION STRUCTURE**

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ABSTRACT OF THE DISCLOSURE

10 A ball-limiting metallurgy includes a substrate, a
barrier layer formed over the substrate, an adhesion layer
formed over the barrier layer, a first solderable layer
formed over the adhesion layer, a diffusion barrier layer
formed over the adhesion layer, and a second solderable
layer formed over the diffusion barrier layer.